

## DECLARATION AND POWERS OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

**METHOD AND APPARATUS FOR GENERATING A LOOK-UP TABLE IN THE VIDEO PICTURE FIELD**

the specification of which was filed on December 14, 2004 as Application Serial No. PCT/EP2004/053448 and was amended on June 19, 2006, or, if not identified here by filing date and serial number, is attached hereto.

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 USC 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate by me or my representatives or assigns for this invention having a filing date before that of the application on which priority is claimed.

Application No. 03293217.0 in EP on December 18, 2003 priority claimed ☒ Yes ☐ No

Application No. 04008494.9 in EP on April 7, 2004 priority claimed ☒ Yes ☐ No

Application No. \_\_\_\_\_ in \_\_\_\_\_ on \_\_\_\_\_ priority claimed ☐ Yes ☐ No

I hereby claim the benefit under 35 USC 119(e) of any United States provisional application(s) as listed below.

Application No. \_\_\_\_\_ Filed \_\_\_\_\_

Application No. \_\_\_\_\_ Filed \_\_\_\_\_

I hereby claim the benefit under 35 USC 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 USC 112, I acknowledge the duty to disclose material information as defined in 37 CFR 1.56(a) which occurred between the filing date of this application and the national or PCT international filing date of this application

Serial No. \_\_\_\_\_ Filed \_\_\_\_\_ ☐ patented ☐ pending ☐ abandoned

Serial No. \_\_\_\_\_ Filed \_\_\_\_\_ ☐ patented ☐ pending ☐ abandoned

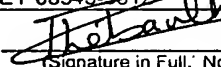
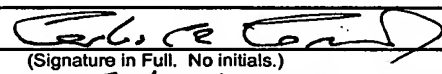

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 USC 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint, individually and collectively, the following as my/our attorney or agent with full power of substitution and revocation, to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith:

<u>Joseph J. Laks</u>	Registration No. <u>27,914</u>	and
<u>Harvey D. Fried</u>	Registration No. <u>28,298</u>	and
<u>Ronald H. Kurdyla</u>	Registration No. <u>26,932</u>	and
<u>Robert D. Shedd</u>	Registration No. <u>36,269</u>	and
<u>Vincent E. Duffy</u>	Registration No. <u>39,964</u>	

PLEASE ADDRESS ALL  
COMMUNICATIONS TO:

**JOSEPH J. LAKS, VICE PRESIDENT**  
PATENT OPERATIONS  
THOMSON LICENSING INC.  
P. O. BOX 5312  
PRINCETON, NEW JERSEY 08543-5312

Sole or Joint Inventor (1)	<u>Cédric THEBAULT</u> (Type or Print)	 (Signature in Full. No initials.)
Citizenship	<u>FR</u>	Date <u>September 26, 2006</u>
Post Office Address	<u>Oberestr. 8, 78050 VILLINGEN-SCHWENNINGEN, GERMANY</u>	
Residence	<u>DE</u>	
Sole or Joint Inventor (2)	<u>Carlos CORREA</u> (Type or Print)	 (Signature in Full. No initials.)
Citizenship	<u>PT</u>	Date <u>September 26, 2006</u>
Post Office Address	<u>Lichtenberger Weg 4, D- 78056 VILLINGEN-SCHWENNINGEN, GERMANY</u>	
Residence	<u>DE</u>	
Sole or Joint Inventor (3)	<u>Sébastien WEITBRUCH</u> (Type or Print)	 (Signature in Full. No initials.)
Citizenship	<u>FR</u>	Date <u>September 26, 2006</u>
Post Office Address	<u>Im Wolfacker 25, D-78078 KAPPEL, GERMANY</u>	
Residence	<u>DE</u>	

RECORDATION FORM COVER SHEET  
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To the Honorable Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): <b>CÉDRIC THEBAULT</b> <b>CARLOS CORREA</b> <b>SÉBASTIEN WEITBRUCH</b> Additional name(s) of conveying party(ies) attached: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		2. Name and address of receiving party(ies): Name: <b>THOMSON Licensing</b> Internal Address:  Street: <b>46 Quai A. Le Gallo</b> <b>F-92100 Boulogne-Billancourt, France</b>	
3. Nature of convenience: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other		Additional name(s) & address(es) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Execution Date: <b>September 26, 2006, respectively</b>			
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s): <b>US 10/583,427</b>		B. Patent No.(s)	
Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> X			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <b>JOSEPH J. LAKS</b> Internal Address: <b>PATENT OPERATIONS</b> <b>THOMSON LICENSING LLC</b>  Street Address: <b>P. O. Box 5312</b>  City: <b>PRINCETON</b> State: <b>NEW JERSEY</b> Zip: <b>08543-5312</b>		6. Total number of applications and patents involved: <u>1</u>	
		7. Total Fee (37 CFR 3.41): <b>\$40.00</b> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account	
		8. Deposit account number: <b>07-0832</b>	

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9. Statement and signature.  
*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

**HARVEY D. FRIED**

Name of Person Signing

Signature - Reg. No. 28,298

**10 May 2007**  
Date

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ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT

WHEREAS Cédric THEBAULT, Oberestr. 8, 78050 VILLINGEN-SCHWENNINGEN, GERMANY; Carlos CORREA, Lichtenberger Weg 4, 78056 VILLINGEN-SCHWENNINGEN, GERMANY; Sébastien WEITBRUCH, Im Wolfacker 25, 78078 KAPPEL, GERMANY; hereinafter referred (collectively) to as the assignor, have invented a certain improvement relating to

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for which said assignor has caused an application for United States Letters Patent to be prepared,

- ( ) the inventor's declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office;
- (x) said application having been filed in the United States Patent and Trademark Office on **December 14, 2004** Serial Number **PCT/EP2004/053448**;

AND WHEREAS

THOMSON LICENSING  
46 quai Alphonse Le Gallo  
F-92100 Boulogne Billancourt  
FRANCE

hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the entire and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

EXECUTED, this 26<sup>th</sup> day of September, 2006

WITNESSES:

Signature: Frank Hassenpflug

Name: Frank HASSENPFUG  
Address: An der Hohlgaß 26  
D-78052 VS-Tannheim

Signature: Wolfgang Endress

Name: Wolfgang ENDRESS  
Address: Wilstorfstr. 38  
D-78050 VS-Villingen

ASSIGNOR:

Signature: Cédric Thebault

Name: Cédric THEBAULT

EXECUTED, this 26<sup>th</sup> day of September, 2006

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D-78050 VS-Villingen

ASSIGNOR:

Signature: Carlos Correa

Name: Carlos CORREA

EXECUTED, this 26<sup>th</sup> day of September, 2006

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Address: Wilstorfstr. 38  
D-78050 VS-Villingen

ASSIGNOR:

Signature: Sébastien Weitbruch

Name: Sébastien WEITBRUCH